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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10627281	
	Filing Date	2003-07-25	
	First Named Inventor	Anne Kirsten Eisentraeger	
	Art Unit	2132	
	Examiner Name	HO, Thomas M	
	Attorney Docket Number	MS1-1275US	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5272755		1993-12-21	Miyaji, ; et al.	
	2	6968354		2005-11-22	Kaminaga, ; et al.	
	3	6986054		2006-01-10	Kaminaga, ; et al.	
	4	7079650		2006-07-18	Knudsen	

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	1	20030072443	A1	2003-04-17	Harley, Robert Joseph; et al.	

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	BARRETO, PAULO S.L.M., et al., "Efficient Algorithms for Pairing-Based Cryptosystems," Universidade de Sao Paulo, Escola Politecnica, Sao Paulo (SP), Brazil & Computer Science Department, Stanford University, USA, pp. 1-16.	<input type="checkbox"/>
	2	Boneh, et al., "Identity-Based Encryption from the Weil Pairing," SIAM J. COMPUT., Vol 32, No. 3, pp. 586-615, 2003 Society for Industrial and Applied Mathematics.	<input type="checkbox"/>
	3	Boneh et al., "Short signatures from the Weil pairing," pp. 1-17.	<input type="checkbox"/>
	4	Cantor, "Computing in the Jacobian of a Hyperelliptic Curve," Mathematics of Computation, Vol. 48, No. 177, January 1987, pp. 95-101.	<input type="checkbox"/>
	5	Eisentrager, et al., "Fast Elliptic Curve Arithmetic and Improved Weil Pairing Evaluation," Topics in Cryptology, CT-RSA 2003, Marc Joye (Ed), pp. 343-354, LNCS 2612, Springer-Verlag, 2003.	<input type="checkbox"/>
	6	FREY, GERHARD et al., "A Remark Concerning m-Divisibility and the Discrete Logarithm in the Divisor Class Group of Curves," Mathematics of Computation, Vol. 62, No. 206, April 1994, pp. 865-874.	<input type="checkbox"/>
	7	Frey, et al., "The Tate Pairing and the Discrete Logarithm Applied to Elliptic Curve Cryptosystems", IEEE Transactions on Information Theory, Vol. 45, NO.5, July 1999, pp 1717-1719	<input type="checkbox"/>
	8	Galbraith, et al., "Implementing the Tate Pairing," Mathematics Dept., Royal Holloway, University of London, Egham, Surrey, UK & Hewlett-Packard Laboratories, Bristol, Filton Road, Stoke Gifford, Bristol, UK, pp. 1-14.	<input type="checkbox"/>

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9	HESS, FLORIAN et al., "Two Topics in Hyperelliptic Cryptography," S. Vaudenay & A. Youssef (Eds.): SAC 2001, LNCS 2259, 2001, pp. 181-189.	<input type="checkbox"/>
10	JOUX, "The Weil and Tate Pairings as Building Blocks for Public Key Cryptosystems (Survey)," C. Fieker and D.R. Kohel (eds.): ANTS 2002, LNCS 2369, pp. 20-32, 2002 (Springer-Verlag Berlin Heidelberg 2002).	<input type="checkbox"/>
11	Koblitz, "Elliptic Curve Cryptography", 01/05/2007, at <<http://www.msri.org/publications/ln/msri/1998/crypt/koblitz/1/banner/01.html>>, MSRI, January 11, 1998, pp 1-34	<input type="checkbox"/>
12	MENEZES, ALFRED J., et al., "Reducing Elliptic Curve Logarithms to Logarithms in a Finite Field," (0018-9448/93 1993 IEEE, IEEE Transactions on Information....), 8 pages.	<input type="checkbox"/>

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Examiner Signature	/Gilberto Barron Jr/	Date Considered	05/13/2010
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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

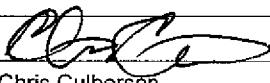
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That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.
 Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
 None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature		Date (YYYY-MM-DD)	2007-05-18
Name/Print	Chris Culberson	Registration Number	59136

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